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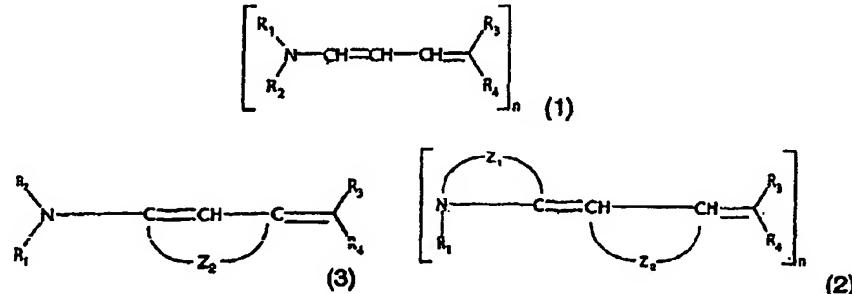
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(54) Title: MEROCYANINE DERIVATIVES FOR COSMETIC USE



(57) **Abstract:** The use is described of merocyanine derivatives of formula (1), wherein R₁ and R₂ are each independently of the other hydrogen; C₁-C₂₂alkyl; cyclo-C₃-C₉alkyl; or unsubstituted or C₁-C₅alkyl- or C₁-C₅alkoxy-substituted C₆-C₂₀aryl; or; or R₁ and R₂ together with the nitrogen atom linking them form a -(CH₂)_m- ring which is uninterrupted or, interrupted by -O- or by -NH-; R₃ is a cyano group; -COOR₅; -CONHR₅; -COR₅; or -SO₂R₅; R₄ is a cyano group; -COOR₆; -CONHR₆; -COR₆; or -SO₂R₆; R₅ and R₆ are each independently of the other C₁-C₂₂alkyl; or unsubstituted or C₁-C₅alkyl substituted C₆-C₂₀aryl; or R₃ and R₄ together or R₅ and R₆ together form a 5- to 7-membered, monocyclic, carbocyclic or heterocyclic ring; Z₁ and Z₂ are each independently of the other a -(CH₂)₂- group which is uninterrupted or interrupted by -O-, -S-, or by -NR₇-, and/or is unsubstituted or substituted by C₁-C₅alkyl; R₇ is C₁-C₅alkyl; I is from 1 to 4; m is from 1 to 7; n is from 1 to 4; when n = 2, R₁, R₅ or R₆ is a bivalent alkyl group; or R₁ and R₂ together with the 2 nitrogen atoms linking them form a -(CH₂)_m- ring; when n = 3, R₁, R₅ or R₆ is a trivalent alkyl group; when n = 4, R₁, R₅ or R₆ is a tetravalent alkyl group; and R₁ and R₂ in formula (1) are not simultaneously hydrogen, in protecting human and animal hair and skin from UV radiation.

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